

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2126	438/597-601.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/06 12:02
S2	118	S1 and (conductive same polymer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/06 14:51
S3	60	S2 and @ad<"20020925"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/06 12:33
S4	12	S3 and (impregnat\$3 or pergnat\$3 or diffuse or implan \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/06 14:45
S5	1	S4 and layer same receptive	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/06 17:02
S6	91288	(conductive same polymer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/06 12:33
S7	56286	S6 and @ad<"20020925"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/06 17:02
S8	9300	S7 and (impregnat\$3 or pergnat\$3 or diffuse or implan \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/06 14:45
S9	3709	S7 and (impregnat\$3 or pergnat\$3 or diffuse or implan \$3)same ( solution or dispers \$2 or liquid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/06 14:47
S10	3989	S7 and (impregnat\$3 or pergnat\$3 or diffuse or implan \$3)same ( solution or dispers \$2 or liquid or solvent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/06 14:48
S11	978	S10 and evaporat\$3 same solvent\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/06 14:51

S12	1	S1 and (conductive same polymer)same water	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/06 14:51
S13	1	S1 and ((conductive same polymer)same water)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/06 14:52
S14	744	S10 and ((conductive same polymer)same water)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/06 14:53
S15	558	S14 and ( weight same water same solubel same organic solvent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/06 14:54
S16	147	S15 and surfactant	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/06 17:00
S17	22	S16 and (ink-jet or ink adj jet)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/06 15:05
S18	5	S17 and oligomer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/06 15:01
S19	1	S18 and ((receptive adj layer) or (layer same porous))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/06 14:59
S20	19	S16 and electrical adj circuit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/06 15:56
S21	120	S16 and electrical samecircuit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/06 16:23
S22	36	S16 and electrical same circuit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/06 15:56
S23	725	impregnating same conductive same polymer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/06 17:01
S24	7	S23 and layer same receptive	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/06 17:02

S25	437	S23 and @ad<"20020925"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/06 17:04
S26	232	S25 and solvent	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/06 17:04
S27	25	S26 and evaporating	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/06 17:05
S28	25	S27 and conductive adj polymer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/06 17:05
S29	24	S28 and layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/06 17:06
S30	6	S28 and layer same porous	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/06 17:06
S31	4	S30 and inorganic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/06 17:07
S32	2	"20030099874".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/27 14:04
S33	2	"20030099874".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/03/12 18:03
S34	2	"6718628".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/03/12 18:48
S35	8129	(polymer same ink adj jet same print\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/03/12 18:50
S36	398	(conductive adj polymer same ink adj jet same print\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/03/12 18:51
S37	18	S36 and (per adj unit same area)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/03/12 18:52

S38	7897118	"6" and @ad<"20020925"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/03/12 18:53
S39	6	S37 and @ad<"20020925"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/03/12 18:53
S40	2	"6539171".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/03/13 12:33
S41	107632	((ink-jet)with print\$3 or (ink adj jet) with print\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/03/13 12:43
S42	482	((((ink-jet)with print\$3 or (ink adj jet) with print\$3)same conductive with polymer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/03/13 12:43
S43	1	S42 and (conductive near10 polymer with per with unit with area)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/03/13 12:44
S44	1	S42 and (conductive near10 polymer with per with unit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/03/13 12:45
S45	1	S42 and (conductive same polymer with per with unit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/03/13 12:45
S46	15	S42 and (eject\$3 with polymer)same area	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/03/13 12:45
S47	5192782	"15" and @ad<"20020925"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/03/13 12:45
S48	2	S46 and @ad<"20020925"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/03/13 12:46
S49	43	S42 and (eject\$3 with polymer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/03/13 12:47
S50	11	S49 and @ad<"20020925"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/03/13 12:47

S51	0	(conductive adj polymer) same oligomer same repeat same numbe\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/03/13 15:36
S52	0	(conductive adj polymer) same oligomer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/03/13 15:36
S53	612	(conductive adj polymer) same oligomer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/03/13 15:36
S54	0	(conductive adj polymer) same oligomer same repet same number\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/03/13 15:36
S55	1	(conductive adj polymer) same oligomer same repeat same number\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/03/13 15:37
S56	278	S53 and @ad< "20020925"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/03/13 15:37
S57	20259	S56 and thiophene or vinylene or thienylene	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/03/13 15:39
S58	135	S56 and (thiophene or vinylene or thienylene)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/03/13 15:39
S59	35	S58 and ((oligomer or polymer) with dopant\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/03/13 15:40
S60	2	"20030099874".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/03/13 16:31
S61	14	(inorganic adj particles same silica same CVD)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/03/13 16:37
S62	6	S61 and @ad< "20020925"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/03/13 16:38
S63	12	((("phosphoric acid") same (conduction adj type))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/22 16:39

S64	2488	438/597-601.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/22 16:40
S65	153	S64 and (conductive same polymer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/22 16:40
S66	77	S65 and @ad<"20030925"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/22 16:40
S67	10	S63 and @ad<"20030925"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/22 16:40
S68	0	((("heteropoly acid") same (boron )) same (conduction))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/22 17:03
S69	217	((("heteropoly acid") same (boron )))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/22 17:03
S70	131	S69 and @ad<"20030925"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/22 17:03
S71	660	((("heteropoly acid" "salt") same (boron )) same (conductive conduction))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/22 17:04
S72	319	S71 and @ad<"20030925"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/22 17:05
S73	454	((salt with (born phosphorous))same conduc \$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/22 17:10
S74	203	S73 and @ad<"20030925"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/22 17:10
S75	1149	S74 (salt same (p-type or n-type))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/22 17:10
S76	0	S74 and (salt same (p-type or n-type))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/22 17:11

S77	0	S74 and (salt and (p-type or n-type))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/22 17:11
S78	36	(salt same (boron and phorous))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/22 17:31
S79	2	(salt same (boron and phorous)) same conductive	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/22 17:32
S80	632	(salt same (boron or phorous)) same conductive	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/22 17:32
S81	632	((salt same (boron or phorous)) same (conductive or conduction adj type))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/22 17:32
S82	303	S81 and @ad<"20030925"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/22 17:33
S83	3	S82 and (salt adj conductive)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/22 17:33
S84	0	((("ionic conductive polymer") same (p-type or n-type))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/22 17:39
S85	108	((ionic with polymer) same (p-type or n-type))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/22 17:40
S86	67	S85 and @ad<"20030925"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/22 17:40
S87	7	("PEDOT" or "PASS" (liquid adj polymer) or (polymer adj liquid)) same (sourec and drain)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/04 02:37

S88	0	S87 and @ad<"20020925"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/04 02:37
S89	1	("1375714").URPN.	USPAT	OR	ON	2009/04/04 02:38
S90	0	("PEDOT" or "PASS" (liquid adj polymer) or (polymer adj liquid)) same ("PAV" adj layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/04 02:41
S91	781	("PEDOT" or "PASS" (liquid adj polymer) or (polymer adj liquid)) same ("PAV" )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/04 02:41
S92	31	S91 and @ad<"20020925"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/04 02:41
S93	28131	(poly\$4 with (liquid or solution) ) same ( electrode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/04 02:45
S94	15431	S93 and @ad<"20020925"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/04 02:45
S95	1665	S94 and (impregnat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/04 02:46
S96	125	S95 and ("TFT" or transistor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/04 02:47
S97	1288	(poly\$4 with (liquid or solution) same impregnat\$3 ) same ( electrode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/04 02:53
S98	699	S97 and @ad<"20020925"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/04 02:54
S99	19	S98 and ("TFT" or transistor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/04 02:54
S100	15	("4411495"   "4605284"   "4675699"   "4850683"   "4898454"   "5039208"   "5059000"   "5268783"   "5304323"   "5327271"   "5328613"   "5376302"   "5403510"   "5410424"   "5475515").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/04 02:58



S101	2	"5812227".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/04 09:57
S102	2	"5712695".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/04 09:58
S103	2	"5475515".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/04 09:58
S104	1	"10528961"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 05:50
S105	1	"11753002"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 17:10
S106	525	((("xylene" or (exyl\$3))with (porous))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/24 14:34
S107	290	S106 and @ad< "20020925"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/24 14:34
S108	2	((("xylene" or (exyl\$3))with (porous) same semiconductor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/24 15:07
S109	50	((("xylene" or (exyl\$3))with (porous)with layer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/24 15:08
S110	32	S109 and @ad< "20020925"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/24 15:08

S111	23967	((("xylene" or (exyl\$3))with ("is" porous))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/24 15:14
S112	45	((("xylene" or (exyl\$3))with ("is" with porous))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/24 15:14
S113	525	((("xylene" or (exyl\$3)) with porous)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/24 15:16
S114	117	((("xylene" or (exyl\$3)) with solution with porous)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/24 15:16
S115	73	S114 and @ad< "20020925"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/24 15:16
S116	8	fluorenebithiophene	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/24 15:59
S117	0	fluorenebithiophene same porous	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/24 15:59
S118	0	fluorenebi\$6 same porous	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/24 15:59
S119	0	"11614282"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/24 16:22
S120	2727	438/597-601.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/01 09:45
S121	2727	438/597-601.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/01 09:46

S122	167	S121 and (conductive same polymer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/01 09:46
S123	60	S122 and @ad< "20020925"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/01 09:46
S124	12	S123 and (impregnated\$3 or pergnat\$3 or diffuse or implan\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/01 09:46
S125	17	("20010044177"   "20030068581"   "20030099874"   "5637421"   "5641559"   "6718628"   "6767731"   "6905906").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/01 09:48
S126	2	"5641559".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/01 10:04
S127	6319	(inorganic adj particle with silica)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/01 10:09
S128	1230	((inorganic adj particle with ((fumed adj silica) or (colloidal adj silica) or (pseudo adj boehmite)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/01 10:11
S129	387	S128 and @ad< "20020925"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/01 10:12
S130	47	S129 and (thin adj film)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/01 10:12
S131	2	S129 and (thin adj film adj transistor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/01 10:15

12/ 3/ 2009 1:18:09 PM

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